



**TECHNICAL DATA**

measuring range	-50°C...+180°C
process connection	G1/8"
response time	at present not determined
material (process-intrusive)	1.4401/1.4404/ 1.4571 (316/316L/316Ti)
protection category	IP67 according to DIN EN 60529
insulation resistance	500V DC testing voltage
connection wire (cable-jacket/wire)	silicone/silicone 180°C, 2x0,35mm <sup>2</sup> , CuSn *1
across flats	AF13
colour of cable	black/anthracite

**AMBIENT CONDITIONS**

operating temperature	-40°C...180°C
dew-point-resistance	no

**MISCELLANEOUS**

labelling	by labelling on cable "order-no +WW/YY"
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**TYPE KEY CONFIGURATION**

Pos.:	Physical characteristics	Key	Characteristic
1	installation length "EL"	A0	25mm
2	sensorelement-type	B0	Pt100, tolerance class B according to DIN EN 60751
		B1	Pt100, tolerance class A according to DIN EN 60751
		B2	Pt1000, tolerance class B according to DIN EN 60751
		B3	Pt1000, tolerance class A according to DIN EN 60751
		B4	NTC 10K@25°C B25/85=3977 B±1%/R±1%, valid from 50°C, <50°C is B2%/R2% *2
3	cable length KL	C0	2000mm-50+100 *3
		C1	5000mm -100+200 *3
4	sensor connection	D0	wire end sleeves orange 0,5mm <sup>2</sup>
		D1	wire end sleeves grey 0,75mm <sup>2</sup>

**EXISTING CONFIGURATIONS**

Type	Order number	Item number	Old order number
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**REMARKS**

\*1 short-time-temperature 200°C  
 additional characteristics: UV and ozone resistant

\*2 NTC glas encapsulated, Tmax=250°C

\*3 stripping length AL=40mm +10-10

We reserve the right to make technical modifications and correction at any time without prior notice!

This version of the data / type sheet is a translation by a partner. We assume no liability for translation errors. If the translation contains errors or ambiguities, the German version of the data / type sheet is to be used.

**REVISION**

Version	Effective from	Comment
<u>1.1</u>	21.09.2017 13:43:58	Betriebstemperatur -40°C...+180°C
<u>1.0</u>	27.02.2017 10:34:29	Typenblatt angelegt